

ISSN 0379-3400

TEACHER EDUCATION

Vol. 49

No. 1 & 2

April & October, 2015



INDIAN ASSOCIATION OF TEACHER EDUCATORS

TEACHER EDUCATION

(A Biannual Journal of the Indian Association of Teacher Educators)

Editor : Prof. Anita Rastogi

*Department of Educational Studies,
Faculty of Education
Jamia Millia Islamia, New Delhi*

EDITORIAL BOARD

Prof. Mohammad Miyan
Former VC, MANUU, Hyderabad

Prof. K. Dorasamy
*Former Head, Department of Teacher
Education & Extension, NCERT, Delhi*

Prof. Geetika Bagchi
*Dean & Head, Department of Education,
Assam University, Silchar, Assam*

Prof. Renu Nanda
*Head, Department of Education,
University of Jammu, Jammu*

Prof. Ramesh Ghanta
SOE, MANUU, Hyderabad

Prof. B.N. Panda
*Dean (Research), Regional Institute of
Education, Bhubaneswar*

Prof. Amit Kauts
*Dean, Faculty of Education,
GNDU, Amritsar*

Prof. K. Pushpanadham
*Faculty of Education and Psychology,
M.S. University of Baroda, Vadodara*

© Indian Association of Teacher Educators

The authors are responsible for originality, any kind of plagiarism and copyright clearance for any part of the contents of their articles. The facts and figures, conclusions drawn and the opinions expressed in articles/papers in the journal are those of the authors, and do not necessarily represent the views of IATE or the Editors/Editorial Board of Teacher Education.

RATES OF SUBSCRIPTION

| | | |
|----------------|---|---------------------|
| India | | |
| Individuals | : | Rs. 200.00 per year |
| Institution | : | Rs. 500.00 per year |
| Foreign | : | US \$ 40 per year |

Please send your subscription by bank draft drawn in favour of Indian Association of Teacher Educators to Prof. N.N. Pandey, Dept. of Education, MJP Rohilkhand University, Bareilly - 243006.

EDITORIAL

"If a country is to be corruption free and become a nation of beautiful minds, I strongly feel there are three key societal members who can make a difference. They are the father, the mother and the teacher."

- A. P. J. Abdul Kalam

Considering the dynamism of a teaching and learning situation, teachers juggle with an overwhelming number of unfamiliar issues, such as classroom management, instruction, curriculum, school culture and operations, test preparation and administration, policy developments and interactions with other teachers. Left to themselves, they may often feel overwhelmed and fail to reach out for help. Thus, for teachers to be as effective as possible, it is imperative that they continually expand their knowledge and skills to implement the best educational practices.

It is indeed a proud moment to present to the education fraternity the 49th volume of the journal 'Teacher Education'. Sincere attempts have been made to present well researched articles to the readers, in this volume.

It is our attempt to share and address issues that our fraternity often faces. In the wake of globalization, and nation at a call for revamping education reforms, the need for all such efforts becomes crucial. The current year has seen major reforms in the teacher education domain: Ministry of Human Resource Development implementing Justice Verma Commission Report, duration of B.Ed. and M.Ed. program being increased to 2 years and NCTE documenting guidelines for revised programs and the curricular reforms which followed the guidelines. Emphasis has been laid on a reflective and humane teachers and in-service teacher education programs aiming at continuous professional development.

In this present issue we deal with many such topics related to teacher education. There are various issues that need to be discussed in the current scenario of education. Following the envisaged shift from behaviorism to constructivism by NCF 2005, it is required that the learning environment in the classrooms should also change. Role of teachers

in this scenario becomes more important. Pre-service teachers need to be familiarized with issues that they might face once they are in-service. Evaluation is one such concern; teachers are often limited to a few prevalent evaluation techniques and ignore the gravity of the concept. With CCE in schools, pre-service teachers should be aware of the different techniques of evaluation and how to implement them effectively. Selection criteria in teacher education programs varies across the world; drawing references from countries like Finland, US, Australia, etc. will lend us examples to reform our teacher education system. Borrowing examples from these countries will help us to strengthen the selection procedure of teachers and prepare them for the challenges of their profession.

Information Technology forms a big part of our reality today, with education waking up to its potential. Blending ICT with teacher education discusses various aspects of amalgamation of technology with education, with special emphasis on teachers. Evolution of ICT to Communication technology carries promising future for education. Accessing OERs gives an edge to students and makes even professionals long life learners. Technology today plays an important part in the education system. The evolution of various digital tools require that the teachers are up to date and at ease with technology.

The present volume enriched by contributions from various experts from teacher education fraternity is an attempt to disseminate researches and articles based on critical analysis for its readers. I would like to express my sincere gratitude to all the authors for their invaluable contribution in making Teacher Education a scholarly journal. I would also like to express my sincere thanks to my research scholars; Ms. Kanupriya Joneja, Ms. Sandhya Vaid and Ms. Daisy Priya Nath, for their significant contribution by way of going through the manuscripts a number of times to proofread the articles and thereby helping me to bring this significant task to completion. I appreciate the sincere efforts of Mr. Sangam Bhardwaj in typing and composing the manuscripts. My special thanks are due to Dr. Jagdeesh Chaudhary for getting the journal printed for wider dissemination. I, on behalf of the Editorial Team of the Journal request the members of the teacher fraternity to contribute their writings for publication in the journal. Any suggestions are always welcome for further improving the journal.

Editor

TEACHER EDUCATION

(A Biannual Journal Published by the Indian Association of Teacher Educators)

Vol 49

No. 1&2

April & October, 2015

CONTENTS

Editorial

PAPERS

Criteria for Selection of Prospective Teachers : A Concern

Anita Rastogi and Babita Parashar..... 1

Professional Development of Teachers

Parmod Kumar and Rajender Singh Yadav 12

Blending ICT and Teacher Education

Manju Gera..... 18

Computer and Communication Technology in Education

Amit Ahuja..... 25

Pre-Service Teacher Education-Centring Prospective Teachers in Process of Evaluation

Chanchal Goel..... 36

Exploring the Uses of Open Educational Resources by Management and Teacher Education Programme Students

Namita Sahoo and Pallavi Sahoo 50

Teaching-learning Process and Learning Environment in Mathematics Classroom at the Upper Primary Level

Kusum Bhatia 62

Guidelines for Contributors:

The present journal is a peer reviewed journal, aiming to publish original work carried out in the area of Education/Teacher Education.

The manuscripts will be accepted in English/ Hindi.

Title page should include details of the Author and Co-authors and their affiliations and contact details.

A declaration by Author / Co-Author will be required stating that the submitted manuscript is their original work.

The layout of the paper has to be in the following manner: Title; Abstract; Keywords; Main Text (including: Introduction, Background/ Review, Methodology, Results, Discussion and Conclusion); Acknowledgements; References/ Bibliography; Appendices; Table with captions; Figures with captions.

The paper should be of 3000-5000-word limit (i.e. approx. 15-20 pages).

The abstract should be of 150-200 words without any abbreviations or references.

MS Word should be used for preparing the manuscript.

The font size should be 12 point Times New Roman with 1.5 spacing.

The spelling of terms should be consistent throughout the text.

Abbreviations should be listed in the beginning.

The reviews should be relevant with references from recent searches (from past 15-20 years).

The paper should follow APA 6th edition referencing, with single quotation (' ') except while actually quoting, double quotation (" ") maybe used. (Please refer to the Publication Manual APA 6th edition for referencing <http://coral.wcupa.edu/other/APA6thEdition.pdf>).

All the references cited in the text should be mentioned in References.

The originality of the article should be checked before submission of the manuscripts.

Copyright clearance, if required, should be obtained before submission of the manuscript.

Editorial correspondence, manuscripts for consideration and the books for review should be sent to the Editor, Teacher Education, Department of Educational Studies, Faculty of Education, Jamia Millia Islamia, New Delhi-110025.